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Nombre del profesor: Arq. Pedro alberto García

Nombre del trabajo: momento de inercia en superficies

Materia: estática para la arquitectura

Grado: 3-° Cuatrimestre

Grupo: "A"

IV 36 Plataformo Tx = 30 cm (20 cm)3 = 240,000 cm 20 = 6666.66 cm3 \$40,000 to 15,000 Cm 3.14160 (7.5 cm) -9,990,218 cm = 2,485.034 64 Iy = 25 cm (3 cm) = 3125 cm = 260,416 cm4 Ty = (25 cm) (5 cm - 78, 125 cm - 6, 510. 41 cm Ix = 6.1098 (16) = 1607.58 cm

Iy = 16 cm (13.9 cm)3 = 412,969.90 cm -1, 193.608 cm4 Iy- (16 cm)3 139cm = 59.9321.40 cm = 1186.133 cm Ix = IL = 0.62188 (13.41ch) = 1,7,69.4796 cm Ix= 23.34 (8.92m)3= 16,425.77 = 456.271 m4 In = 23.3cm (3-8cm) [8cm)2-(8cm × 23.8cm)+(25.8) = 29.513 cm3 (6+1 mc - 186.4 cm3 + 542.89 cm) = 29.513 cm (420,49 cm) = 12,409.921 004 = 23,412.367 cm

= 70 cm (sco) = 236,250 cm 6,562.50 cm 5,143,000 142,916.66 cm 1x=10 cm (20 cm)= 80,000-6,666.66 cm Iv= (10 cm) 7000 + 20,000 = 1666.66 cm 20 -IX = 26cm (10 cm) - 20,000 - 666.66 cm Iy = (20 cm) 10 cm = 80,000 = 6,686.66 cm Ix = 17 cm (30cm) = 459,000 = 8,200 cm In = (17 cm)3 30 cm = 147,39000 = 12,282,50 cm4